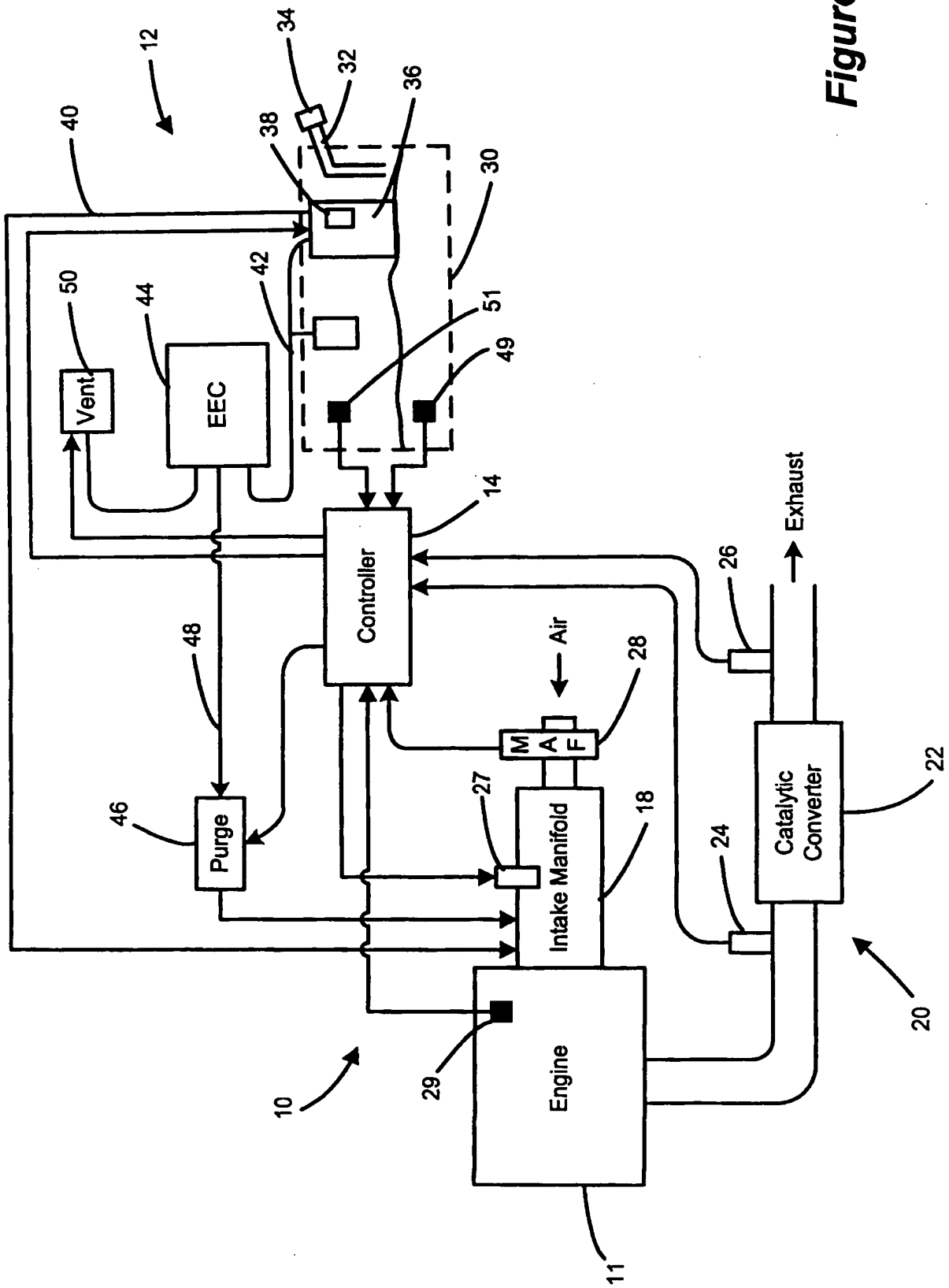
12
34
32
36
38
40
30
42
50
44
51
49
Vent
EEC
14
Controller
Exhaust
26
48
Air
28
M
A
F
27
46
Purge
Intake Manifold
18
24
Catalytic Converter
22
20
10
29
Engine
11

Figure 1

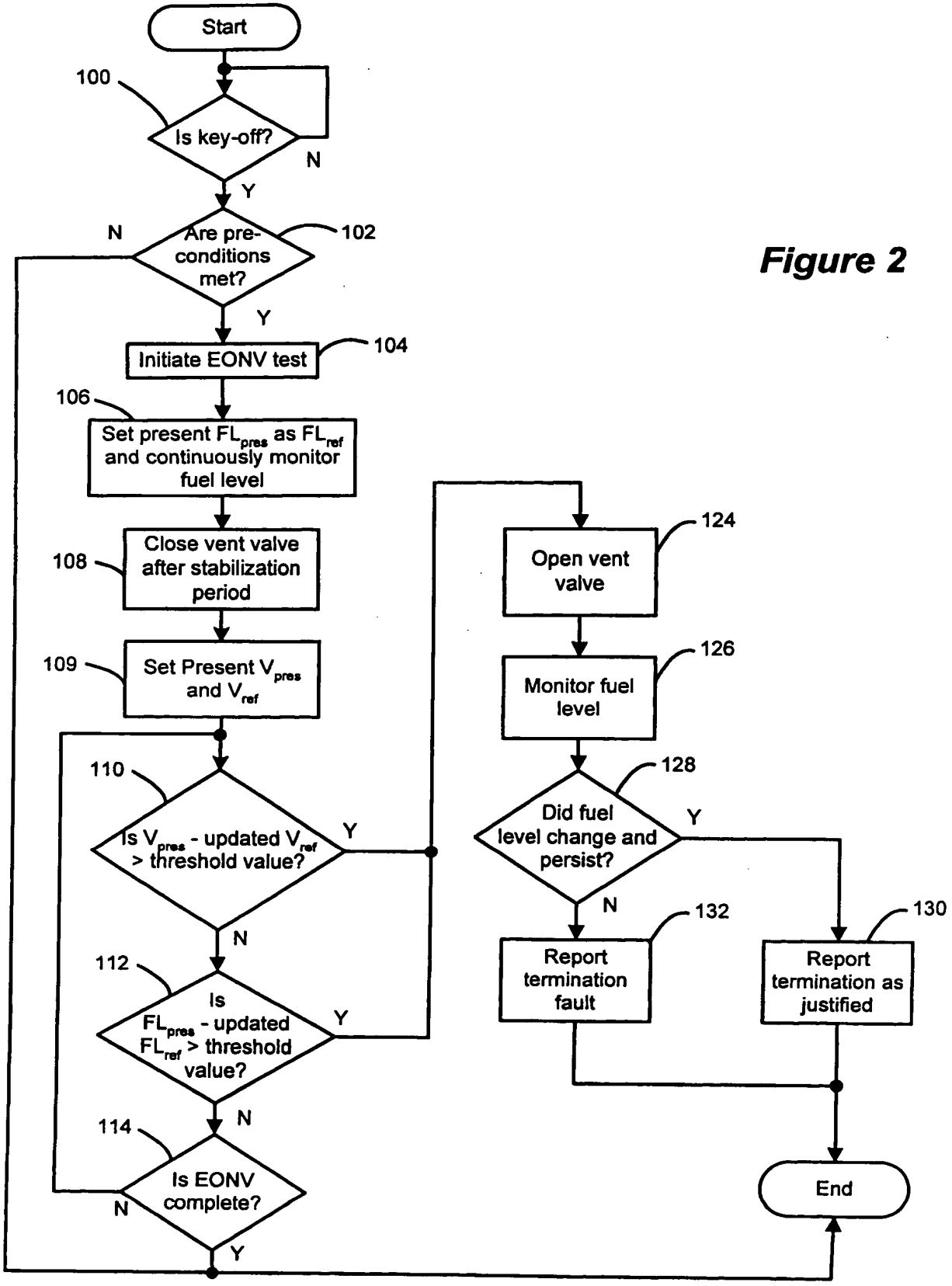
Start
100
Is key-off?
N
Y
N
Are pre-conditions met?
102
Y
Initiate EONV test
104
106
Set present FL_{pres} as FL_{ref} and continuously monitor fuel level
Close vent valve after stabilization period
108
109
Set Present V_{pres} and V_{ref}
110
Is V_{pres} - updated V_{ref} > threshold value?
Y
N
112
Is FL_{pres} - updated FL_{ref} > threshold value?
Y
N
114
Is EONV complete?
N
Y
124
Open vent valve
126
Monitor fuel level
128
Did fuel level change and persist?
Y
N
132
Report termination fault
130
Report termination as justified
End

Figure 2